MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

JUNE, 1937

J. A. BROWN, DIRECTOR

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WEATHER BUREAU

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JUNE 1937

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. +...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	60.9	60.8	60.3	60.7	27.6	21.1	25.3	26.9	22.2	24.8
2	59.1	58.8	59.7	59.2	26.5	20.6	24.2	23.4	21.7	23.1
3	60.7	60.8	61.3	60.9	27.1	18.4	24.2	26.4	21.1	23.9
4	2.0	0.9	0.8	1.2	27.6	20.7	24.0	25.8	22.4	24.1
5	0.3	59.3	59.1	59.9	27.9	20.2	25.6	26.6	23.1	25.1
6	58.8	57.7	57.4	58.0	30.1	22.3	26.1	27.3	22.8	25.4
7	7.2	7.3	7.4	7.3	31.1	21.1	26.8	30.0	26.9	27.9
8	7.3	7.4	7.4	7.4	31.3	21.9	27.0	30.4	24.1	27.2
9	7.3	7.4	7.1	7.3	30.9	21.7	26.2	29.8	23.3	26.4
10	7.6	7.2	7.7	7.5	30.8	19.7	26.6	29.7	22.0	26.1
11	57.7	57.2	57.3	57.4	29.6	19.9	25.6	28.7	23.1	25.8
12	6.8	7.2	7.3	7.1	29.3	20.0	25.2	28.8	23.4	25.8
13	8.4	8.5	8.8	8.6	30.0	20.7	25.5	29.0	22.8	25.8
14	8.6	8.2	8.3	8.4	30.4	21.3	26.7	28.8	23.6	26.4
15	7.6	7.5	7.8	7.6	27.8	21.9	26.3	29.4	25.5	27.1
16	58.3	57.9	57.7	58.0	30.7	22.2	26.6	28.9	26.4	27.3
17	8.3	8.0	7.8	8.0	30.5	23.6	27.3	28.6	24.9	26.9
18	7.9	6.8	6.9	7.2	30.3	22.2	27.6	29.7	24.7	27.3
19	5.9	5.3	5.0	5.4	31.3	23.2	27.3	30.3	24.2	27.3
20	4.3	3.8	4.3	4.1	31.0	21.8	27.1	30.4	24.6	27.4
21	54.3	54.6	54.9	54.6	31.1	23.1	27.5	30.4	23.9	27.3
22	5.2	5.3	5.6	5.4	30.8	22.4	28.1	30.1	23.4	27.2
23	4.0	3.9	3.8	3.9	30.6	21.8	27.6	29.4	23.3	26.8
24	4.0	4.0	4.7	4.2	30.3	21.8	27.4	29.4	23.2	26.7
25	5.9	6.5	7.2	6.5	30.4	21.6	27.4	29.3	23.3	26.7
26	57.1	56.6	56.9	56.9	30.7	21.3	27.3	29.1	24.3	26.9
27	55.9	5.1	5.6	5.5	30.9	21.2	26.5	29.1	24.1	26.6
28	5.3	5.2	5.4	5.3	30.4	22.1	27.3	29.3	24.2	26.9
29	6.9	7.1	7.5	7.2	30.9	22.2	27.9	29.9	24.4	27.4
30	7.5	6.7	6.6	6.9	31.8	23.3	28.2	30.7	24.4	27.4
	757.37	757.10	757.25	757.25	29.99	21.51	26.55	28.85	23.71	26.37

Barometer, range for month 753.8 mm.—762.0 mm.
,, 50-yr. average for month 758.151 mm.
Thermometer, range for month 18.4° C.—31.8° C.
,, 50-yr. average for month 25.38° C.
Rain, total for month 1.778 mm.
,, , 50-yr. average for month 3.81 mm.
,, , total, Sept. 1st to end of month 822.764 mm.
,, 50-yr. average, Sept. 1st to end of month 906.54 mm.

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METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	20.6	20.9	19.1	14.6	14.3	14.1	14.3	61	54	71	62	12.3	
2	19.3	19.6	18.9	13.3	14.2	14.3	13.9	59	66	74	66	9.7	1.778
3	19.9	19.9	18.1	14.3	13.1	13.4	13.6	64	51	71	62	11.4	
4	20.3	21.4	20.9	15.1	15.7	17.1	16.0	67	63	85	72	12.0	
5	26.9	23.2	20.2	16.9	18.3	15.5	16.9	69	70	74	71	12.6	
6	22.4	23.9	21.4	17.3	19.3	17.9	18.2	69	71	87	76	13.0	
7	23.2	24.3	23.6	18.1	18.0	18.8	18.3	69	57	71	66	13.5	
8	23.4	24.8	20.6	18.4	18.8	15.5	17.6	69	58	69	65	13.4	
9	22.1	23.5	19.3	16.6	16.7	13.9	15.7	66	54	65	62	13.0	
10	23.2	21.6	20.1	18.4	13.9	16.0	16.1	70	45	82	66	13.3	
11	21.7	23.3	21.7	16.3	17.2	18.1	17.2	67	58	86	70	13.2	
12	21.7	23.3	22.0	16.6	17.0	18.5	17.4	70	57	86	71	12.4	
13	22.2	23.3	21.2	17.2	16.7	17.5	17.1	71	57	85	71	12.8	
14	22.9	23.8	21.7	17.7	17.7	17.8	17.7	68	58	83	70	13.5	
15	23.6	24.6	22.4	17.5	19.0	17.7	18.1	69	62	72	68	13.4	
16	23.6	24.8	22.9	19.2	19.8	17.9	19.0	74	67	70	70	13.5	
17	23.9	25.4	23.3	19.3	21.2	19.9	20.1	71	73	76	73	12.7	
18	23.9	23.9	21.8	19.1	17.6	17.2	18.0	70	56	74	67	12.2	
19	22.7	24.4	22.1	16.9	18.1	18.0	17.7	61	56	81	66	11.8	
20	23.4	24.9	22.8	18.4	19.0	19.1	18.8	69	59	83	70	10.9	
21	23.3	24.6	22.2	17.9	18.4	18.5	18.3	66	57	83	69	11.7	
22	23.4	24.4	22.2	17.8	18.3	19.0	18.4	63	58	88	70	11.6	
23	22.3	23.2	22.2	16.2	16.6	19.0	17.3	59	55	89	68	11.2	
24	22.2	22.6	21.9	16.0	15.6	18.4	16.7	59	51	87	66	9.6	
25	22.3	23.7	22.1	16.3	17.5	18.8	17.5	60	58	88	69	11.0	
26	23.2	23.7	22.0	17.8	17.6	17.8	17.7	66	58	79	68	12.3	
27	22.9	23.9	21.8	18.0	17.9	17.5	17.8	69	59	78	69	12.3	
28	22.8	23.6	21.6	17.1	17.2	17.2	17.2	64	57	77	66	11.5	
29	23.3	23.8	22.2	17.6	17.1	18.1	17.6	63	54	79	65	11.5	
30	23.8	25.3	22.1	18.4	19.5	18.0	18.6	65	59	79	68	12.3	
				17.14	17.38	17.35	17.29	66.2	58.6	79.4	68.07	12.19	0.059

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
10-year averages are for period, 1875-1924

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METEOROLOGICAL REGISTER

	Clouds Clear—0 Overcast—10				Direction and force of wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Kms.		
1	2cu	6cu	5cu	4.3	2s	3s	3s	364.9	rough	
2	6cu	10nicu	4cu	6.7	4s	4s	2s	489.2	„	
3	8cu	0	1cu	3.0	3s	2s	1s	348.7	„	
4	2cu	1cu	0	1.0	2w	3n	3n	307.3	„	
5	3cu	0	0	1.0	3n	3n	2n	493.9	mod.	
6	0	0	0	0.0	0	2ne	0	410.0	„	
7	0	0	0	0.0	2w	1n	0	136.8	slight	
8	0	0	0	0.0	1s	2n	1n	140.0	rough	
9	0	0	0	0.0	2w	1n	1n	258.5	mod.	
10	0	0	0	0.0	1w	1w	0	143.8	slight	
11	0	0	4cu	1.3	2sw	2s	0	178.3	„	
12	0	2cu	0	0.7	2s	2s	1s	260.2	„	
13	1cu	0	2cu	1.0	1sw	0	1n	316.4	„	
14	0	0	0	0.0	0	1n	0	147.2	calm	
15	0	0	0	0.0	2s	2w	0	121.7	„	
16	0	0	0	0.0	2sw	0	0	153.7	„	
17	0	0	0	0.0	2sw	2s	2s	331.7	mod.	
18	2cu	2cu	4cu	2.7	2s	3s	0	488.1	slight	
19	6cu	2cu	1cu	3.0	1s	2sw	0	144.8	mod.	mist a.m.
20	6cu	6cu	8cu	6.7	2s	2s	1s	357.2	slight	„ „
21	3cu	0	0	1.0	2sw	1s	1s	231.1	„	
22	4cu	4cu	2cu	3.3	2sw	1s	3s	497.2	mod.	
23	0	3cu	2cu	1.7	4s	3s	4s	619.3	rough	
24	8cu	4cu	2cu	4.7	3s	3s	1s	478.0	„	
25	0	3cu	0	1.0	2s	1s	1s	168.3	slight	
26	1cu	2cu	0	1.0	2s	0	0	177.6	„	
27	3cu	0	0	1.0	1s	0	0	161.6	„	
28	0	4cu	0	1.3	3s	3s	0	323.0	mod.	
29	4cu	3cu	2cu	3.0	1se	2s	2s	391.1	„	
30	3cu	2cu	0	1.7	1s	1s	0	179.2	slight	
					57	53	30			
				1.70	1.9	1.8	1.0	294.06		

7 6 2

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Total
8:30	1	0	0	1	16	6	4	0	2	30
14:30	6	1	0	0	16	1	2	0	4	30
20:30	5	0	0	0	12	0	0	0	13	30
Totals	12	1	0	1	44	7	6	0	19	90

Number of days with rain 1, fog 0, thunderstorm 0, gale 0.

50-yr. average number of days with rain during month 0.8